



T E C H N I C A L M E M O R A N D U M

TO: Barry Pulver, P.G., C.E.G., C.Hg.
San Diego County Department of Public Works

FROM: Sean McClain

DATE: 24 March 2006

SUBJECT: Soil Vapor Wells Installed and Sampled at the Poway Landfill

Per your request, GeoSyntec Consultants (GeoSyntec) has prepared this technical memorandum to provide information related to soil vapor wells installed at the Poway Landfill (the site). In June 2006, one single and two nested soil vapor wells were installed near the southern site property boundary. GeoSyntec is currently evaluating the chemical quality of subsurface soil vapor from the soil vapor wells and the enclosed results are considered preliminary. Attached are the following information:

- Preliminary soil vapor analytical results from three sampling events (Table 1);
- Figure illustrating locations of soil vapor wells (Figure 1);
- Soil Vapor Boring and Well Construction logs (Attachment 1); and
- Laboratory Analytical Data (Attachment 2).

If you have any questions or require additional information, please contact the undersigned at (858) 674-6559.



Table 1
Preliminary Soil Vapor Analytical Results
Poway Landfill
Poway, California

	PVP-1		PVP-1D		PVP-2A		PVP-2A-R		PVP-2AD-R		PVP-2B		PVP-2B-R		PVP-3A		PVP-3B		QCFB		QCTB			
Units	2/2/2006	2/14/2006	2/2/2006	2/2/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/2/2006	2/14/2006	2/14/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006		
Fixed Gases																								
Oxygen	%	3.6	6.6	14	21	13	20	20	21	3.5	11	20	20	2.9	4.6	22	21	ND<0.10	ND<0.10					
Nitrogen	%	96	93	86	79	86	78	78	79	96	88	79	79	95	93	78	79	100	100					
Carbon Monoxide	%	ND<0.023	ND<0.055	ND<0.025	ND<0.024	ND<0.016	ND<0.023	ND<0.024	ND<0.022	ND<0.047	ND<0.050	ND<0.024	ND<0.024	ND<0.025	ND<0.024	ND<0.024	ND<0.023	ND<0.010						
Methane	%	0.031	0.031	0.0089	ND<0.00024	ND<0.00016	ND<0.00023	ND<0.00024	ND<0.00028	0.011	0.0046	0.00049	ND<0.00024	0.0072	0.0096	ND<0.00024	ND<0.00023	ND<0.00010						
Carbon Dioxide	%	0.44	0.60	0.46	0.47	1.1	1.5	1.5	0.047	0.46	0.42	1.1	1.2	1.6	2.4	0.040	0.038	ND<0.010						
VOCs by TO-15																								
Freon 12	PPBV	98	210	140	43	120	89	91	ND<1.1	3.2	ND<32	4.8	3.2	23	56	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Freon 114	PPBV	10	15	20	2.8	8.4	7.2	6.1	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Chloromethane	PPBV	ND<31	ND<37	ND<12	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.5	ND<9.3	ND<130	ND<4.8	ND<4.8	ND<25	ND<19	ND<4.8	ND<4.7	ND<2.0	ND<2.0					
Vinyl Chloride	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
1,3-Butadiene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Bromomethane	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Chloroethane	PPBV	21	ND<9.2	16	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	29	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Freon 11	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	1.2	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Ethanol	PPBV	860	ND<37	780	18	ND<19	7.9	ND<9.7	16	19	130	12	4.7J	290	43	4.8	ND<1.2	ND<2.0	ND<2.0					
Freon 113	PPBV	27	34	64	120	350	260	260	ND<1.1	ND<2.3	51	ND<1.2	ND<1.2	ND<4.8	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
1,1-Dichloroethene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Acetone	PPBV	240	670	200	26	2500E	2100E	680	38	16	9000	52	540E	140	850	ND<4.8	11	ND<2.0	ND<2.0					
2-Propanol	PPBV	31	14000E	4400E	7900S	1200	750E	230	11000S	ND<9.3	2600	ND<4.8	1000E	ND<6.2	390	21	250	ND<2.0	ND<2.0					
Carbon Disulfide	PPBV	27	120	69	8.0	31	25	22	ND<1.1	41	180	43	25	16	16	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
3-Chloropropene	PPBV	ND<31	ND<37	ND<12	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.5	ND<9.3	ND<130	ND<4.8	ND<4.8	ND<25	ND<19	ND<4.8	ND<4.7	ND<2.0	ND<2.0					
Methylene Chloride	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	29	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Methyl tert-butyl ether	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
trans-1,2-Dichloroethene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
Hexane	PPBV	1400	1300	630	67	ND<4.7	2.4	ND<2.4	2.1	3.8	540	92	20	630	620	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
1,1-Dichloroethane	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
2-Butanone (Methyl Ethyl Ketone)	PPBV	200	46	150	57	28	97	41	44	ND<2.3	320	63	13	180	53	ND<1.2	ND<1.2	ND<0.50	ND<0.50					
cis-1,2-Dichloroethene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2</																			

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	Units	2/2/2006	2/14/2006	2/2/2006	2/2/2006	2/14/2006	2/14/2006	2/2/2006	2/14/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	2/2/2006	2/14/2006	
Tetrachloroethene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	3.9	4.2	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
2-Hexanone	PPBV	ND<31	ND<37	16	6.2	ND<19	5.6	ND<9.7	ND<4.5	ND<9.3	ND<130	7.9	ND<4.8	ND<25	ND<19	ND<4.8	ND<4.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
Dibromochloromethane	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	1.3	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,2-Dibromoethane (EDB)	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Chlorobenzene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Ethyl Benzene	PPBV	8.8	11	7.6	5.0	10	9.8	8.3	ND<1.1	ND<2.3	ND<32	13	15	9.9	28	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
m,p-Xylene	PPBV	34	44	31	20	42	44	35	2.3	ND<2.3	91	40	56	38	91	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
o-Xylene	PPBV	15	14	15	8.4	17	19	16	ND<1.1	ND<2.3	35	17	19	18	29	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Styrene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Bromoform	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Cumene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,1,2,2-Tetrachloroethane	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
Propylbenzene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	1.6	ND<2.4	ND<1.1	ND<2.3	ND<32	1.9	1.3	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
4-Ethyltoluene	PPBV	9.0	ND<9.2	9.3	5.1	6.2	8.2	7.5	ND<1.1	ND<2.3	ND<32	9.4	6.8	12	9.3	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,3,5-Trimethylbenzene	PPBV	ND<7.8	ND<9.2	3.9	2.8	ND<4.7	4.1	5.0	ND<1.1	ND<2.3	ND<32	5.0	3.1	ND<6.2	4.7	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,2,4-Trimethylbenzene	PPBV	14	ND<9.2	14	9.1	10	14	13	ND<1.1	ND<2.3	ND<32	17	7.9	21	12	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,3-Dichlorobenzene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,4-Dichlorobenzene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
alpha-Chlorotoluene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,2-Dichlorobenzene	PPBV	ND<7.8	ND<9.2	ND<3.1	ND<1.2	ND<4.7	ND<1.1	ND<2.4	ND<1.1	ND<2.3	ND<32	ND<1.2	ND<1.2	ND<6.2	ND<4.8	ND<1.2	ND<1.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
1,2,4-Trichlorobenzene	PPBV	ND<31	ND<37	ND<12	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.5	ND<9.3	ND<130	ND<4.8	ND<4.8	ND<25	ND<19	ND<4.8	ND<4.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0
Hexachlorobutadiene	PPBV	ND<31	ND<37	ND<12	ND<4.8	ND<19	ND<4.6	ND<9.7	ND<4.5	ND<9.3	ND<130	ND<4.8	ND<4.8	ND<25	ND<19	ND<4.8	ND<4.7	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0

VOCs - Volatile organic constituents

PPBV - Parts per billion by volume

% - Percent

MDL - Method Detection Limit

RL - Reporting Limit

ND<x- Not detected at concentrations greater than or equal to MDL (x)

E -Exceeds instrument calibration range

S - Saturated peak

J - Estimated value between the MDL and RL

R - Samples collected when flare system was off

QCFB - Quality control field blank

QCTB- Quality control trip blank

D - Duplicate sample collected at vapor well



LEGEND

- PVP-1 ● SOIL VAPOR PROBE**
- APPROXIMATE PROPERTY BOUNDARY
- - - APPROXIMATE TRASH/REFUSE BOUNDARY
- EXISTING PAVED ROAD
- EXISTING DIRT ROAD



300 150 0 300

SCALE IN FEET



GEO SYNTEC CONSULTANTS

SOIL VAPOR PROBE LOCATIONS
POWAY LANDFILL
POWAY, CALIFORNIA

BASE MAP REFERENCE:
Stewart Geo Technologies
July 2002

FIGURE NO. 1
PROJECT NO. SC0233-06-06
DATE: MARCH 2006



GEOSYNTEC CONSULTANTS

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PROJECT Evaluation Monitoring Program

PROJECT LOCATION Poway Landfill

PROJECT NUMBER SC0233

KEY SHEET - CLASSIFICATIONS AND SYMBOLS

GS FORM:
KEY 09/99

EMPIRICAL CORRELATIONS WITH STANDARD PENETRATION RESISTANCE N VALUES *

N VALUE * (BLOWS/FT)	CONSISTENCY	UNCONFINED COMPRESSIVE STRENGTH (TONS/SQ FT)	N VALUE * (BLOWS/FT)	RELATIVE DENSITY		
FINE GRAINED SOILS	0 - 2 3 - 4 5 - 8 9 - 15 16 - 30 31 - 50 >50	VERY SOFT SOFT FIRM STIFF VERY STIFF 	<0.25 0.25 - 0.50 0.50 - 1.00 1.00 - 2.00 2.00 - 4.00 >4.00	COARSE GRAINED SOILS	0 - 4 5 - 10 11 - 30 31 - 50 >50	VERY LOOSE LOOSE MEDIUM DENSE DENSE VERY DENSE

* ASTM D 1586; NUMBER OF BLOWS OF 140 POUND HAMMER FALLING 30 INCHES TO DRIVE A 2 IN. O.D., 1.4 IN. I.D. SAMPLER ONE FOOT.

UNIFIED SOIL CLASSIFICATION AND SYMBOL CHART

MAJOR DIVISIONS			SYMBOLS	DESCRIPTIONS
COARSE GRAINED SOILS	GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS	GW	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES, LITTLE OR NO FINES
		LITTLE OR NO FINES	GP	Poorly graded gravels, gravel-sand mixtures, little or no fines
		GRAVELS WITH FINES	GM	SILTY GRAVELS, GRAVEL- SAND-SILT MIXTURES
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO.4 SIEVE	APPRECIALE AMOUNT OF FINES	GC	CLAYEY GRAVELS, GRAVEL- SAND-CLAY MIXTURES
		CLEAN SANDS	SW	WELL GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		LITTLE OR NO FINES	SP	Poorly graded sands, gravelly sands, little or no fines
MORE THAN 50% OF MATERIAL COARSER THAN NO. 200 SIEVE SIZE	SAND AND SANDY SOILS	SANDS WITH FINES	SM	SILTY SANDS, SAND-SILT MIXTURES
		APPRECIALE AMOUNT OF FINES	SC	CLAYEY SANDS, SAND-CLAY MIXTURES
		CLEAN SANDS	ML	INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY
	MORE THAN 50% OF COARSE FRACTION PASSING NO.4 SIEVE	SILTS AND CLAYS	CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		Liquid Limit Less Than 50	OL	ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
		SILTS AND CLAYS	MH	INORGANIC SILTS, MICAEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILT
		Liquid Limit Greater Than 50	CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH	ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			PT	PEAT, HUMUS, SWAMP SOILS WITH HIGH ORGANIC CONTENT

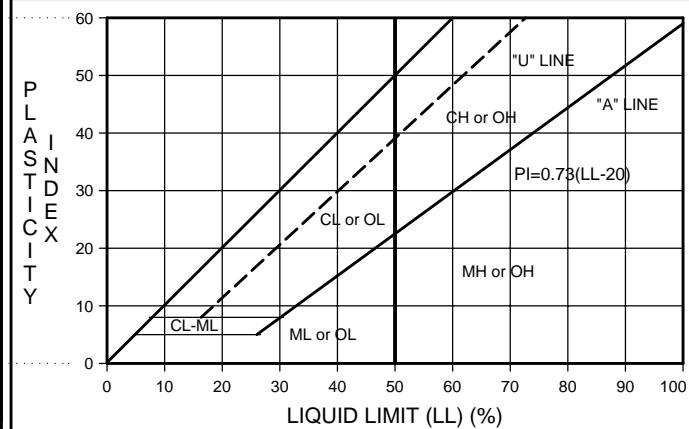
NOTE: DUAL SYMBOLS USED FOR BORDERLINE CLASSIFICATIONS

PARTICLE SIZE IDENTIFICATION

BOULDERS	>300 mm
COBBLES	75 - 300 mm
GRAVEL: COARSE	19.0 - 75 mm
GRAVEL: FINE	4.75 - 19 mm
SAND: COARSE	2.00 - 4.75 mm
SAND: MEDIUM	0.425 - 2.00 mm
SAND: FINE	0.075 - 0.425 mm
SILT	0.075 - 0.002 mm
CLAY	<0.002 mm

WELL GRADED - HAVING WIDE RANGE OF GRAIN SIZES AND APPRECIABLE AMOUNTS OF ALL INTERMEDIATE PARTICLE SIZES
POORLY GRADED - PREDOMINANTLY ONE GRAIN SIZE, OR HAVING A RANGE OF SIZES WITH SOME INTERMEDIATE SIZES MISSING

PLASTICITY CHART



OTHER MATERIAL SYMBOLS

Siltstone	Sand
Sandstone	Silt
Siltstone/Claystone	Silty Sand
Claystone	Evaporite
Shale	Artificial Fill
Siltstone/Sandstone	Debris Fill
Conglomerate	Asphalt
Granitic	Concrete

WELL SYMBOLS

ASPHALT
GROUT
FILTER PACK
BENTONITE
NATIVE/ SLOUGH
CENTRAL- IZER
CONCRETE

SAMPLER AND OTHER SYMBOLS

BULK SAMPLE	Water Level at Time Drilling, or as Shown
CORE SAMPLE	Static Water Level
GRAB SAMPLE	MSL: Mean Sea Level
HAND AUGER	AGS: Above Ground Surface
DRIVE SAMPLE	BGS: Below Ground Surface
GROUNDWATER SAMPLE	BTOP: Below Top of Casing
	HSA: Hollow Stem Auger

**GEOSYNTEC CONSULTANTS**

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GS FORM:
CORE3 10/00

BOREHOLE LOG

BORING PVP-1

SHEET 1 OF 1

START DATE 30 Jan 06

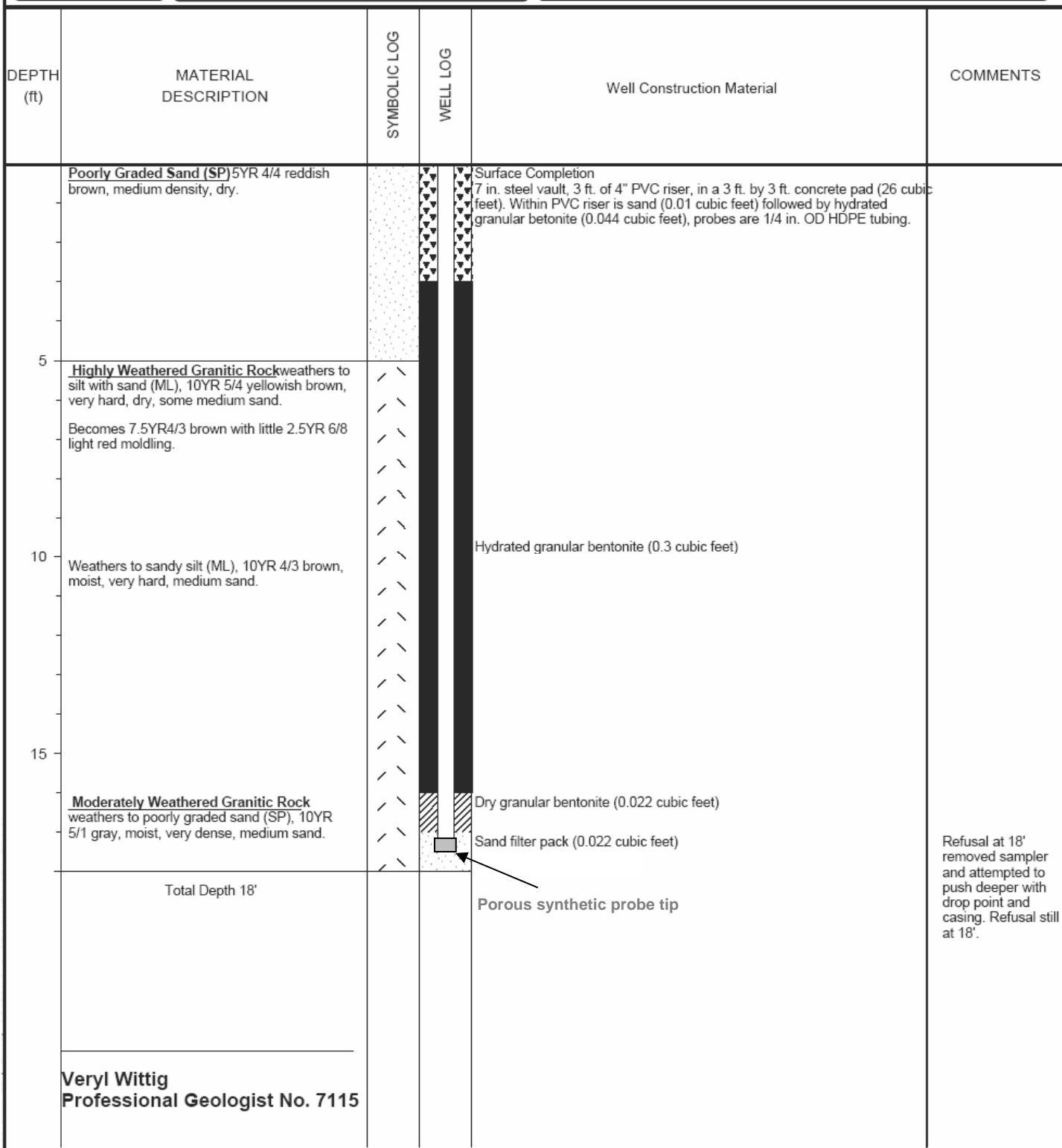
Ground Surface 618.00 FT.

FINISH DATE 30 Jan 06

PROJECT Evaluation Monitoring Program

LOCATION Poway Landfill

PROJECT NUMBER SC0233



CONTRACTOR Vironex

EQUIPMENT

DRILL MTHD Direct Push

DIAMETER 2"

LOGGER C. Gale

NORTHING

EASTING

ANGLE Vertical

BEARING -----

PRINTED 28 Mar 06

REMARKS:

COORDINATE SYSTEM:
SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

**GEOSYNTEC CONSULTANTS**

10875 Rancho Bernardo Rd, Suite 200
San Diego, CA 92127
Tel: (858) 674-6559 Fax: (858) 674-6586

GS FORM:
CORE3 10/00**BOREHOLE LOG**

BORING PVP-2A/2B

SHEET 1 OF 1

START DATE 30 Jan 06

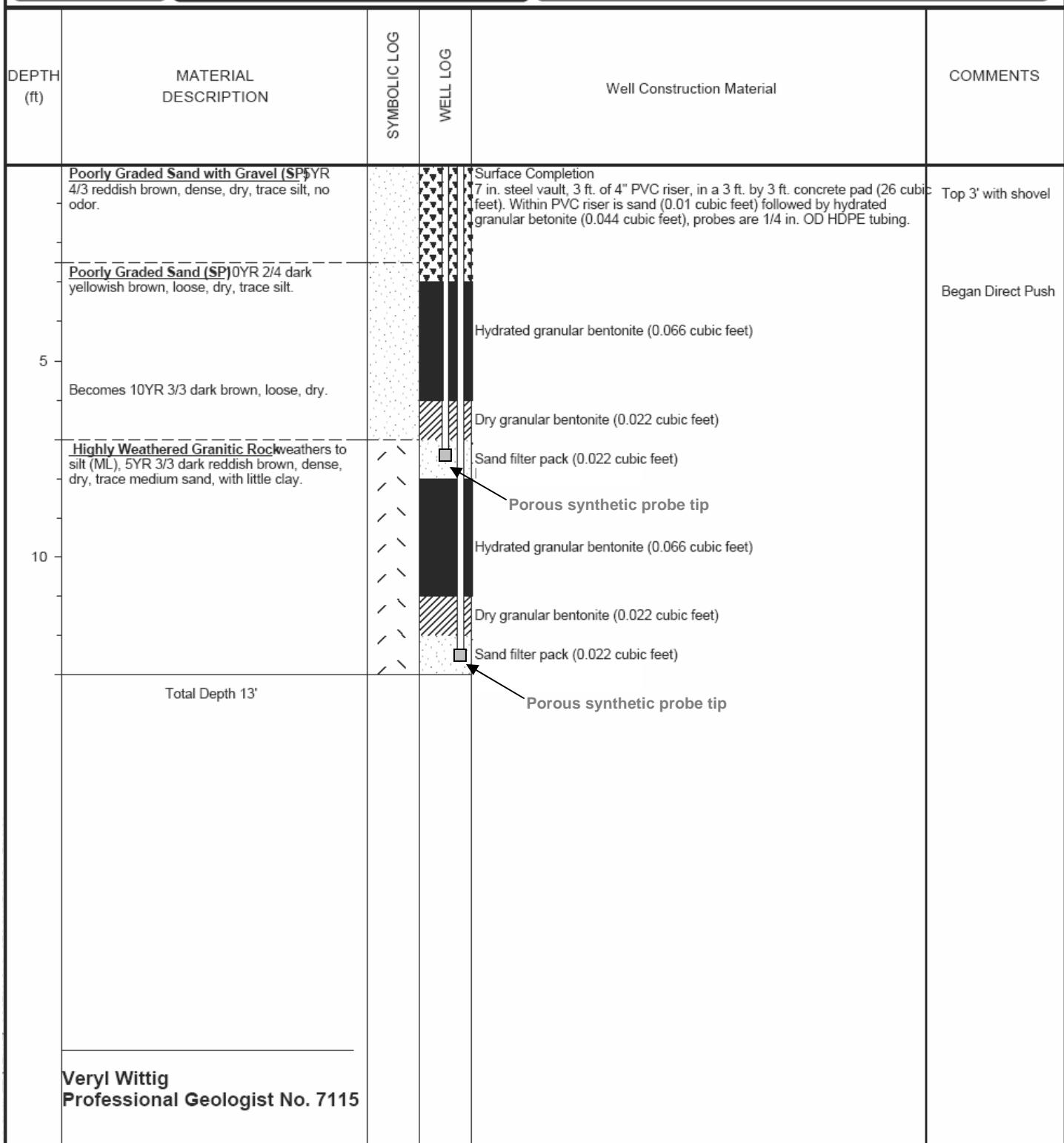
Ground Surface 613.00 FT.

FINISH DATE 30 Jan 06

PROJECT Evaluation Monitoring Program

LOCATION Poway Landfill

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LOGGER C. Gale

NORTHING

EASTING

ANGLE Vertical

BEARING -----

REVIEWER V. Wittig PRINTED 28 Mar 06

REMARKS: PVP-2A set at 8 ft. PVP-2B set at 13 ft.

COORDINATE SYSTEM:

SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS

**GEOSYNTEC CONSULTANTS**

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San Diego, CA 92127
Tel: (858) 674-6559 Fax: (858) 674-6586

GS FORM:
CORE3 10/00**BOREHOLE LOG**

BORING PVP-3A/3B

SHEET 1 OF 1

START DATE 30 Jan 06

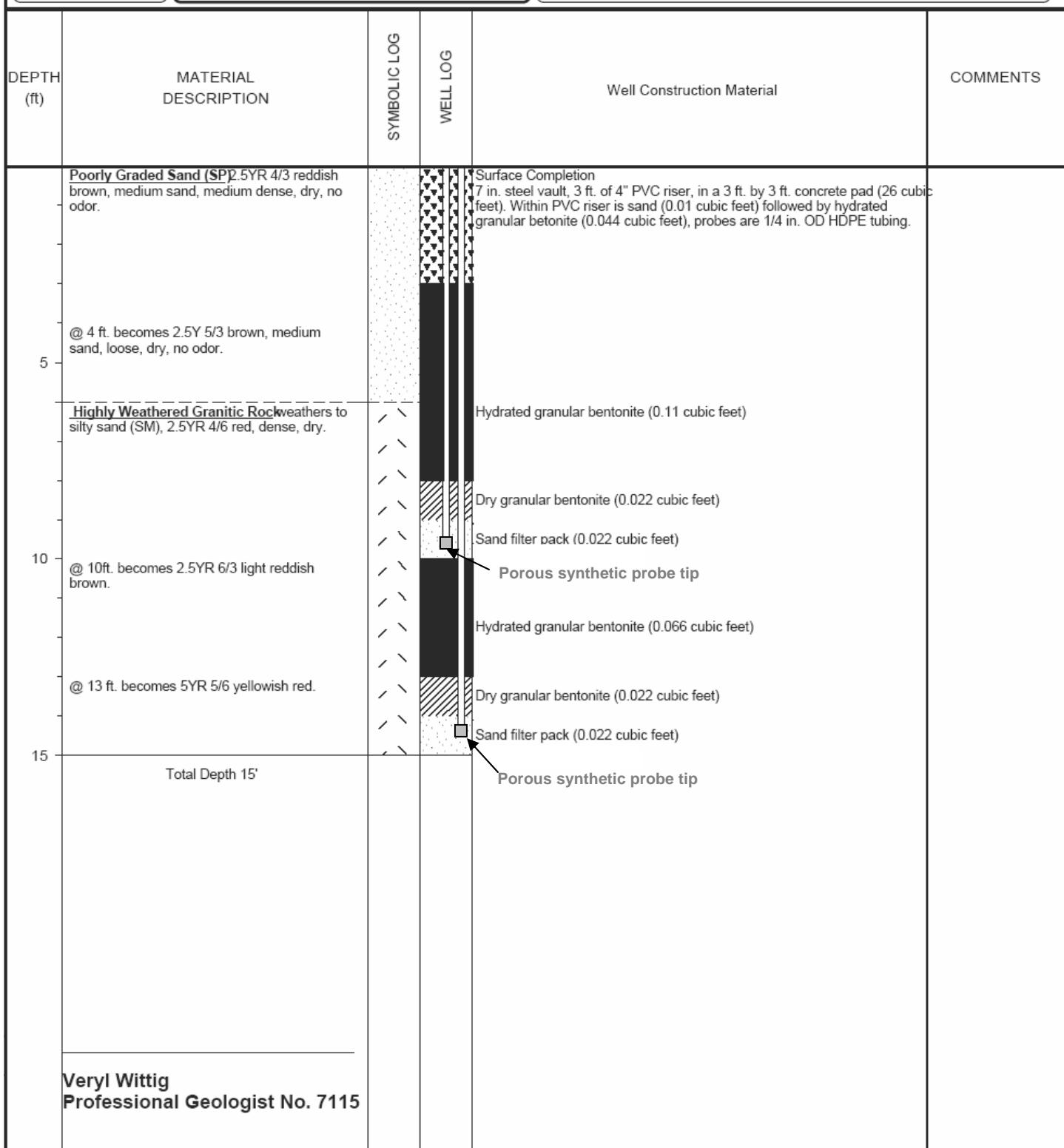
Ground Surface 618.00 FT.

FINISH DATE 30 Jan 06

PROJECT Evaluation Monitoring Program

LOCATION Poway Landfill

PROJECT NUMBER SC0233



CONTRACTOR Vironex

EQUIPMENT

DRILL MTHD Direct Push

DIAMETER 2"

LOGGER C. Gale

NORTHING

EASTING

ANGLE Vertical

BEARING -----

REVIEWER V. Wittig PRINTED 28 Mar 06

REMARKS: PVP-3A set at 10 ft. PVP-3B set at 15 ft.

COORDINATE SYSTEM:

SEE KEY SHEET FOR SYMBOLS AND ABBREVIATIONS



AN ENVIRONMENTAL ANALYTICAL LABORATORY

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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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Hours 8:00 A.M to 6:00 P.M. Pacific

@ AIR TOXICS LTD.

AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0602344A

Work Order Summary

CLIENT:	Mr. Chris Gale GeoSyntec Consultants 11305 Rancho Bernardo Rd. San Diego, CA 92127	BILL TO:	Mr. Chris Gale GeoSyntec Consultants 11305 Rancho Bernardo Rd. San Diego, CA 92127
PHONE:	858-675-8674	P.O. #	SC02330604
FAX:		PROJECT #	SC0233 0604 Poway
DATE RECEIVED:	02/15/2006	CONTACT:	Kyle Vagadori
DATE COMPLETED:	02/19/2006		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT</u>
			<u>VAC./PRES.</u>
01A	PVP-1	Modified TO-15	19.0 "Hg
02A	PVP-3A	Modified TO-15	5.0 "Hg
03A	PVP-3B	Modified TO-15	4.5 "Hg
04A	PVP-2A	Modified TO-15	4.0 "Hg
05A	PVP-2B	Modified TO-15	17.0 "Hg
06A	PVP-2B-R	Modified TO-15	18.0 "Hg
07A	PVP-2AD-R	Modified TO-15	5.0 "Hg
08A	PVP-2A-R	Modified TO-15	3.5 "Hg
09A	QCFB	Modified TO-15	4.0 "Hg
10A	Trip Blank	Modified TO-15	28.5 "Hg
11A	Lab Blank	Modified TO-15	NA
12A	CCV	Modified TO-15	NA
13A	LCS	Modified TO-15	NA

CERTIFIED BY:



DATE: 02/21/06

Laboratory Director

Certification numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE

Modified TO-15

GeoSyntec Consultants

Workorder# 0602344A

Ten 1 Liter Summa Canister samples were received on February 15, 2006. The laboratory performed analysis via modified EPA Method TO-15 using GC/MS in the full scan mode. The method involves concentrating up to 0.2 liters of air. The concentrated aliquot is then flash vaporized and swept through a water management system to remove water vapor. Following dehumidification, the sample passes directly into the GC/MS for analysis.

Method modifications taken to run these samples are summarized in the below table. Specific project requirements may over-ride the ATL modifications.

<i>Requirement</i>	<i>TO-15</i>	<i>ATL Modifications</i>
Daily CCV	+ - 30% Difference	</= 30% Difference with two allowed out up to </=40%;; flag and narrate outliers
Sample collection media	Summa canister	ATL recommends use of summa canisters to insure data defensibility, but will report results from Tedlar bags at client request
Method Detection Limit	Follow 40CFR Pt.136 App. B	The MDL met all relevant requirements in Method TO-15 (statistical MDL less than the LOQ). The concentration of the spiked replicate may have exceeded 10X the calculated MDL in some cases

Receiving Notes

Samples PVP-1, PVP-2B, and PVP-2B-R were received with significant vacuum remaining in the canister. The discrepancy was noted in the Sample Receipt Confirmation email/fax. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

Samples PVP-1, PVP-3A, PVP-3B, PVP-2A, PVP-2B, PVP-2B-R, PVP-2AD-R, PVP-2A-R, QCFB and Trip Blank were analyzed past a 48 hour hold time, but within the method specified 14 day hold time.

The reported LCS for each daily batch has been derived from more than one analytical file.

The reported result for 4-Ethyltoluene in samples PVP-3A, PVP-3B, PVP-2A, PVP-2AD-R and PVP-2A-R may be biased high due to co-elution with a non target compound with similar characteristic ions. Both the primary and secondary ion for 4-Ethyltoluene exhibited potential interference.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in laboratory blank greater than reporting limit (background subtraction not performed).

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the reporting limit.

UJ- Non-detected compound associated with low bias in the CCV

N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

AIR TOXICS LTD.
Summary of Detected Compounds
MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

Client Sample ID: PVP-1

Lab ID#: 0602344A-01A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.2	210	45	1000
Freon 114	9.2	15	64	100
Freon 113	9.2	34	70	260
Acetone	37	670	87	1600
2-Propanol	37	14000 E	90	36000 E
Carbon Disulfide	9.2	120	29	370
Hexane	9.2	1300	32	4600
2-Butanone (Methyl Ethyl Ketone)	9.2	46	27	140
Cyclohexane	9.2	51	32	170
2,2,4-Trimethylpentane	9.2	57	43	260
Benzene	9.2	140	29	450
Heptane	9.2	420	38	1700
Toluene	9.2	110	35	420
Ethyl Benzene	9.2	11	40	49
m,p-Xylene	9.2	44	40	190
o-Xylene	9.2	14	40	59

Client Sample ID: PVP-3A

Lab ID#: 0602344A-02A

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	3.2	6.0	16
Ethanol	4.8	4.7 J	9.1	8.9 J
Acetone	4.8	540 E	11	1300 E
2-Propanol	4.8	1000 E	12	2600 E
Carbon Disulfide	1.2	25	3.8	77
Hexane	1.2	20	4.3	72
2-Butanone (Methyl Ethyl Ketone)	1.2	13	3.6	40
Tetrahydrofuran	1.2	5.1	3.6	15
Chloroform	1.2	5.8	5.9	28
Cyclohexane	1.2	7.8	4.2	27
2,2,4-Trimethylpentane	1.2	3.9	5.6	18
Benzene	1.2	26	3.9	84
Heptane	1.2	12	5.0	48
Toluene	1.2	72	4.6	270
Ethyl Benzene	1.2	15	5.2	64
m,p-Xylene	1.2	56	5.2	240
o-Xylene	1.2	19	5.2	83
Propylbenzene	1.2	1.3	5.9	6.5
4-Ethyltoluene	1.2	6.8	5.9	34

Client Sample ID: PVP-3A**Lab ID#: 0602344A-02A**

1,3,5-Trimethylbenzene	1.2	3.1	5.9	15
1,2,4-Trimethylbenzene	1.2	7.9	5.9	39

Client Sample ID: PVP-3B**Lab ID#: 0602344A-03A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.8	56	24	280
Ethanol	19	43	36	81
Acetone	19	850	45	2000
2-Propanol	19	390	47	960
Carbon Disulfide	4.8	16	15	50
Hexane	4.8	620	17	2200
2-Butanone (Methyl Ethyl Ketone)	4.8	53	14	160
Cyclohexane	4.8	41	16	140
Benzene	4.8	92	15	300
Heptane	4.8	630	20	2600
Toluene	4.8	220	18	820
Ethyl Benzene	4.8	28	21	120
m,p-Xylene	4.8	91	21	400
o-Xylene	4.8	29	21	130
4-Ethyltoluene	4.8	9.3	23	46
1,3,5-Trimethylbenzene	4.8	4.7 J	23	23
1,2,4-Trimethylbenzene	4.8	12	23	58

Client Sample ID: PVP-2A**Lab ID#: 0602344A-04A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.7	120	23	580
Freon 114	4.7	8.4	32	59
Freon 113	4.7	350	36	2700
Acetone	19	2500 E	44	6000 E
2-Propanol	19	1200	46	2900
Carbon Disulfide	4.7	31	14	97
2-Butanone (Methyl Ethyl Ketone)	4.7	28	14	81
Cyclohexane	4.7	5.5	16	19
2,2,4-Trimethylpentane	4.7	5.5	22	26
Benzene	4.7	11	15	36
Trichloroethene	4.7	5.2	25	28
Toluene	4.7	39	18	150
Ethyl Benzene	4.7	10	20	45
m,p-Xylene	4.7	42	20	180
o-Xylene	4.7	17	20	73
4-Ethyltoluene	4.7	6.2	23	31
1,2,4-Trimethylbenzene	4.7	10	23	52

Client Sample ID: PVP-2B**Lab ID#: 0602344A-05A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.3	3.2	12	16
Ethanol	9.3	19	18	36
Acetone	9.3	16	22	38
Carbon Disulfide	2.3	41	7.2	130
Methylene Chloride	2.3	29	8.1	100
Hexane	2.3	3.8	8.2	13
Tetrahydrofuran	2.3	2.6	6.9	7.7

Client Sample ID: PVP-2B-R**Lab ID#: 0602344A-06A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Ethanol	130	130	240	250
Freon 113	32	51	240	390
Acetone	130	9000	300	21000
2-Propanol	130	2600	310	6500
Carbon Disulfide	32	180	98	560
Hexane	32	540	110	1900
2-Butanone (Methyl Ethyl Ketone)	32	320	93	950
Cyclohexane	32	75	110	260
2,2,4-Trimethylpentane	32	97	150	450
Benzene	32	100	100	330
Heptane	32	400	130	1600
Toluene	32	150	120	580
m,p-Xylene	32	91	140	390
o-Xylene	32	35	140	150

Client Sample ID: PVP-2AD-R**Lab ID#: 0602344A-07A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.4	91	12	450
Freon 114	2.4	6.1	17	43
Freon 113	2.4	260	18	2000
Acetone	9.7	680	23	1600
2-Propanol	9.7	230	24	570
Carbon Disulfide	2.4	22	7.5	70
2-Butanone (Methyl Ethyl Ketone)	2.4	41	7.1	120
Benzene	2.4	8.6	7.7	27
Toluene	2.4	30	9.1	110
Tetrachloroethene	2.4	4.2	16	28
Ethyl Benzene	2.4	8.3	10	36
m,p-Xylene	2.4	35	10	150
o-Xylene	2.4	16	10	70
4-Ethyltoluene	2.4	7.5	12	37

Client Sample ID: PVP-2AD-R**Lab ID#: 0602344A-07A**

1,3,5-Trimethylbenzene	2.4	5.0	12	25
1,2,4-Trimethylbenzene	2.4	13	12	65

Client Sample ID: PVP-2A-R**Lab ID#: 0602344A-08A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	89	5.7	440
Freon 114	1.1	7.2	8.0	50
Freon 11	1.1	1.2	6.4	6.6
Ethanol	4.6	7.9	8.6	15
Freon 113	1.1	260	8.8	2000
Acetone	4.6	2100 E	11	5000 E
2-Propanol	4.6	750 E	11	1800 E
Carbon Disulfide	1.1	25	3.6	77
Hexane	1.1	2.4	4.0	8.4
2-Butanone (Methyl Ethyl Ketone)	1.1	97	3.4	290
Tetrahydrofuran	1.1	2.0	3.4	5.9
Chloroform	1.1	2.7	5.6	13
Cyclohexane	1.1	3.1	3.9	10
2,2,4-Trimethylpentane	1.1	2.2	5.3	10
Benzene	1.1	9.5	3.6	30
Heptane	1.1	2.3	4.7	9.4
Bromodichloromethane	1.1	3.4	7.7	23
Toluene	1.1	35	4.3	130
Tetrachloroethene	1.1	3.9	7.8	26
2-Hexanone	4.6	5.6	19	23
Dibromochloromethane	1.1	1.3	9.8	11
Ethyl Benzene	1.1	9.8	5.0	43
m,p-Xylene	1.1	44	5.0	190
o-Xylene	1.1	19	5.0	83
Propylbenzene	1.1	1.6	5.6	8.1
4-Ethyltoluene	1.1	8.2	5.6	40
1,3,5-Trimethylbenzene	1.1	4.1	5.6	20
1,2,4-Trimethylbenzene	1.1	14	5.6	67

Client Sample ID: QCFB**Lab ID#: 0602344A-09A**

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Acetone	4.7	11	11	25
2-Propanol	4.7	250	11	600

Client Sample ID: Trip Blank**Lab ID#: 0602344A-10A**

No Detections Were Found.

AIR TOXICS LTD.

Client Sample ID: PVP-1

Lab ID#: 0602344A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021619	Date of Collection: 2/14/06		
Dil. Factor:	18.4	Date of Analysis: 2/17/06 12:09 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	9.2	210	45	1000
Freon 114	9.2	15	64	100
Chloromethane	37	Not Detected	76	Not Detected
Vinyl Chloride	9.2	Not Detected	24	Not Detected
1,3-Butadiene	9.2	Not Detected	20	Not Detected
Bromomethane	9.2	Not Detected	36	Not Detected
Chloroethane	9.2	Not Detected	24	Not Detected
Freon 11	9.2	Not Detected	52	Not Detected
Ethanol	37	Not Detected	69	Not Detected
Freon 113	9.2	34	70	260
1,1-Dichloroethene	9.2	Not Detected	36	Not Detected
Acetone	37	670	87	1600
2-Propanol	37	14000 E	90	36000 E
Carbon Disulfide	9.2	120	29	370
3-Chloropropene	37	Not Detected	120	Not Detected
Methylene Chloride	9.2	Not Detected	32	Not Detected
Methyl tert-butyl ether	9.2	Not Detected	33	Not Detected
trans-1,2-Dichloroethene	9.2	Not Detected	36	Not Detected
Hexane	9.2	1300	32	4600
1,1-Dichloroethane	9.2	Not Detected	37	Not Detected
2-Butanone (Methyl Ethyl Ketone)	9.2	46	27	140
cis-1,2-Dichloroethene	9.2	Not Detected	36	Not Detected
Tetrahydrofuran	9.2	Not Detected	27	Not Detected
Chloroform	9.2	Not Detected	45	Not Detected
1,1,1-Trichloroethane	9.2	Not Detected	50	Not Detected
Cyclohexane	9.2	51	32	170
Carbon Tetrachloride	9.2	Not Detected	58	Not Detected
2,2,4-Trimethylpentane	9.2	57	43	260
Benzene	9.2	140	29	450
1,2-Dichloroethane	9.2	Not Detected	37	Not Detected
Heptane	9.2	420	38	1700
Trichloroethene	9.2	Not Detected	49	Not Detected
1,2-Dichloropropane	9.2	Not Detected	42	Not Detected
1,4-Dioxane	37	Not Detected	130	Not Detected
Bromodichloromethane	9.2	Not Detected	62	Not Detected
cis-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
4-Methyl-2-pentanone	9.2	Not Detected	38	Not Detected
Toluene	9.2	110	35	420
trans-1,3-Dichloropropene	9.2	Not Detected	42	Not Detected
1,1,2-Trichloroethane	9.2	Not Detected	50	Not Detected
Tetrachloroethene	9.2	Not Detected	62	Not Detected
2-Hexanone	37	Not Detected	150	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-1

Lab ID#: 0602344A-01A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021619	Date of Collection: 2/14/06		
Dil. Factor:	18.4	Date of Analysis: 2/17/06 12:09 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	9.2	Not Detected	78	Not Detected
1,2-Dibromoethane (EDB)	9.2	Not Detected	71	Not Detected
Chlorobenzene	9.2	Not Detected	42	Not Detected
Ethyl Benzene	9.2	11	40	49
m,p-Xylene	9.2	44	40	190
o-Xylene	9.2	14	40	59
Styrene	9.2	Not Detected	39	Not Detected
Bromoform	9.2	Not Detected	95	Not Detected
Cumene	9.2	Not Detected	45	Not Detected
1,1,2,2-Tetrachloroethane	9.2	Not Detected	63	Not Detected
Propylbenzene	9.2	Not Detected	45	Not Detected
4-Ethyltoluene	9.2	Not Detected	45	Not Detected
1,3,5-Trimethylbenzene	9.2	Not Detected	45	Not Detected
1,2,4-Trimethylbenzene	9.2	Not Detected	45	Not Detected
1,3-Dichlorobenzene	9.2	Not Detected	55	Not Detected
1,4-Dichlorobenzene	9.2	Not Detected	55	Not Detected
alpha-Chlorotoluene	9.2	Not Detected	48	Not Detected
1,2-Dichlorobenzene	9.2	Not Detected	55	Not Detected
1,2,4-Trichlorobenzene	37	Not Detected	270	Not Detected
Hexachlorobutadiene	37	Not Detected	390	Not Detected

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	91	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-3A

Lab ID#: 0602344A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021618	Date of Collection: 2/14/06		
Dil. Factor:	2.42	Date of Analysis: 2/16/06 11:45 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	3.2	6.0	16
Freon 114	1.2	Not Detected	8.4	Not Detected
Chloromethane	4.8	Not Detected	10	Not Detected
Vinyl Chloride	1.2	Not Detected	3.1	Not Detected
1,3-Butadiene	1.2	Not Detected	2.7	Not Detected
Bromomethane	1.2	Not Detected	4.7	Not Detected
Chloroethane	1.2	Not Detected	3.2	Not Detected
Freon 11	1.2	Not Detected	6.8	Not Detected
Ethanol	4.8	4.7 J	9.1	8.9 J
Freon 113	1.2	Not Detected	9.3	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Acetone	4.8	540 E	11	1300 E
2-Propanol	4.8	1000 E	12	2600 E
Carbon Disulfide	1.2	25	3.8	77
3-Chloropropene	4.8	Not Detected	15	Not Detected
Methylene Chloride	1.2	Not Detected	4.2	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.4	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Hexane	1.2	20	4.3	72
1,1-Dichloroethane	1.2	Not Detected	4.9	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	13	3.6	40
cis-1,2-Dichloroethene	1.2	Not Detected	4.8	Not Detected
Tetrahydrofuran	1.2	5.1	3.6	15
Chloroform	1.2	5.8	5.9	28
1,1,1-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Cyclohexane	1.2	7.8	4.2	27
Carbon Tetrachloride	1.2	Not Detected	7.6	Not Detected
2,2,4-Trimethylpentane	1.2	3.9	5.6	18
Benzene	1.2	26	3.9	84
1,2-Dichloroethane	1.2	Not Detected	4.9	Not Detected
Heptane	1.2	12	5.0	48
Trichloroethene	1.2	Not Detected	6.5	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.6	Not Detected
1,4-Dioxane	4.8	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	8.1	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	5.0	Not Detected
Toluene	1.2	72	4.6	270
trans-1,3-Dichloropropene	1.2	Not Detected	5.5	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.6	Not Detected
Tetrachloroethene	1.2	Not Detected	8.2	Not Detected
2-Hexanone	4.8	Not Detected	20	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-3A

Lab ID#: 0602344A-02A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021618	Date of Collection: 2/14/06		
Dil. Factor:	2.42	Date of Analysis: 2/16/06 11:45 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	10	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.3	Not Detected
Chlorobenzene	1.2	Not Detected	5.6	Not Detected
Ethyl Benzene	1.2	15	5.2	64
m,p-Xylene	1.2	56	5.2	240
o-Xylene	1.2	19	5.2	83
Styrene	1.2	Not Detected	5.2	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.9	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.3	Not Detected
Propylbenzene	1.2	1.3	5.9	6.5
4-Ethyltoluene	1.2	6.8	5.9	34
1,3,5-Trimethylbenzene	1.2	3.1	5.9	15
1,2,4-Trimethylbenzene	1.2	7.9	5.9	39
1,3-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.3	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.3	Not Detected
1,2,4-Trichlorobenzene	4.8	Not Detected	36	Not Detected
Hexachlorobutadiene	4.8	Not Detected	52	Not Detected

J = Estimated value.

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	102	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-3B

Lab ID#: 0602344A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021620	Date of Collection: 2/14/06		
Dil. Factor:	9.52	Date of Analysis: 2/17/06 01:12 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.8	56	24	280
Freon 114	4.8	Not Detected	33	Not Detected
Chloromethane	19	Not Detected	39	Not Detected
Vinyl Chloride	4.8	Not Detected	12	Not Detected
1,3-Butadiene	4.8	Not Detected	10	Not Detected
Bromomethane	4.8	Not Detected	18	Not Detected
Chloroethane	4.8	Not Detected	12	Not Detected
Freon 11	4.8	Not Detected	27	Not Detected
Ethanol	19	43	36	81
Freon 113	4.8	Not Detected	36	Not Detected
1,1-Dichloroethene	4.8	Not Detected	19	Not Detected
Acetone	19	850	45	2000
2-Propanol	19	390	47	960
Carbon Disulfide	4.8	16	15	50
3-Chloropropene	19	Not Detected	60	Not Detected
Methylene Chloride	4.8	Not Detected	16	Not Detected
Methyl tert-butyl ether	4.8	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
Hexane	4.8	620	17	2200
1,1-Dichloroethane	4.8	Not Detected	19	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.8	53	14	160
cis-1,2-Dichloroethene	4.8	Not Detected	19	Not Detected
Tetrahydrofuran	4.8	Not Detected	14	Not Detected
Chloroform	4.8	Not Detected	23	Not Detected
1,1,1-Trichloroethane	4.8	Not Detected	26	Not Detected
Cyclohexane	4.8	41	16	140
Carbon Tetrachloride	4.8	Not Detected	30	Not Detected
2,2,4-Trimethylpentane	4.8	Not Detected	22	Not Detected
Benzene	4.8	92	15	300
1,2-Dichloroethane	4.8	Not Detected	19	Not Detected
Heptane	4.8	630	20	2600
Trichloroethene	4.8	Not Detected	26	Not Detected
1,2-Dichloropropane	4.8	Not Detected	22	Not Detected
1,4-Dioxane	19	Not Detected	69	Not Detected
Bromodichloromethane	4.8	Not Detected	32	Not Detected
cis-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
4-Methyl-2-pentanone	4.8	Not Detected	19	Not Detected
Toluene	4.8	220	18	820
trans-1,3-Dichloropropene	4.8	Not Detected	22	Not Detected
1,1,2-Trichloroethane	4.8	Not Detected	26	Not Detected
Tetrachloroethene	4.8	Not Detected	32	Not Detected
2-Hexanone	19	Not Detected	78	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-3B

Lab ID#: 0602344A-03A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021620	Date of Collection: 2/14/06		
Dil. Factor:	9.52	Date of Analysis: 2/17/06 01:12 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	4.8	Not Detected	40	Not Detected
1,2-Dibromoethane (EDB)	4.8	Not Detected	36	Not Detected
Chlorobenzene	4.8	Not Detected	22	Not Detected
Ethyl Benzene	4.8	28	21	120
m,p-Xylene	4.8	91	21	400
o-Xylene	4.8	29	21	130
Styrene	4.8	Not Detected	20	Not Detected
Bromoform	4.8	Not Detected	49	Not Detected
Cumene	4.8	Not Detected	23	Not Detected
1,1,2,2-Tetrachloroethane	4.8	Not Detected	33	Not Detected
Propylbenzene	4.8	Not Detected	23	Not Detected
4-Ethyltoluene	4.8	9.3	23	46
1,3,5-Trimethylbenzene	4.8	4.7 J	23	23
1,2,4-Trimethylbenzene	4.8	12	23	58
1,3-Dichlorobenzene	4.8	Not Detected	29	Not Detected
1,4-Dichlorobenzene	4.8	Not Detected	29	Not Detected
alpha-Chlorotoluene	4.8	Not Detected	25	Not Detected
1,2-Dichlorobenzene	4.8	Not Detected	29	Not Detected
1,2,4-Trichlorobenzene	19	Not Detected	140	Not Detected
Hexachlorobutadiene	19	Not Detected	200	Not Detected

J = Estimated value.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	95	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-2A

Lab ID#: 0602344A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021614	Date of Collection: 2/14/06		
Dil. Factor:	9.32	Date of Analysis: 2/16/06 09:43 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	4.7	120	23	580
Freon 114	4.7	8.4	32	59
Chloromethane	19	Not Detected	38	Not Detected
Vinyl Chloride	4.7	Not Detected	12	Not Detected
1,3-Butadiene	4.7	Not Detected	10	Not Detected
Bromomethane	4.7	Not Detected	18	Not Detected
Chloroethane	4.7	Not Detected	12	Not Detected
Freon 11	4.7	Not Detected	26	Not Detected
Ethanol	19	Not Detected	35	Not Detected
Freon 113	4.7	350	36	2700
1,1-Dichloroethene	4.7	Not Detected	18	Not Detected
Acetone	19	2500 E	44	6000 E
2-Propanol	19	1200	46	2900
Carbon Disulfide	4.7	31	14	97
3-Chloropropene	19	Not Detected	58	Not Detected
Methylene Chloride	4.7	Not Detected	16	Not Detected
Methyl tert-butyl ether	4.7	Not Detected	17	Not Detected
trans-1,2-Dichloroethene	4.7	Not Detected	18	Not Detected
Hexane	4.7	Not Detected	16	Not Detected
1,1-Dichloroethane	4.7	Not Detected	19	Not Detected
2-Butanone (Methyl Ethyl Ketone)	4.7	28	14	81
cis-1,2-Dichloroethene	4.7	Not Detected	18	Not Detected
Tetrahydrofuran	4.7	Not Detected	14	Not Detected
Chloroform	4.7	Not Detected	23	Not Detected
1,1,1-Trichloroethane	4.7	Not Detected	25	Not Detected
Cyclohexane	4.7	5.5	16	19
Carbon Tetrachloride	4.7	Not Detected	29	Not Detected
2,2,4-Trimethylpentane	4.7	5.5	22	26
Benzene	4.7	11	15	36
1,2-Dichloroethane	4.7	Not Detected	19	Not Detected
Heptane	4.7	Not Detected	19	Not Detected
Trichloroethene	4.7	5.2	25	28
1,2-Dichloropropane	4.7	Not Detected	22	Not Detected
1,4-Dioxane	19	Not Detected	67	Not Detected
Bromodichloromethane	4.7	Not Detected	31	Not Detected
cis-1,3-Dichloropropene	4.7	Not Detected	21	Not Detected
4-Methyl-2-pentanone	4.7	Not Detected	19	Not Detected
Toluene	4.7	39	18	150
trans-1,3-Dichloropropene	4.7	Not Detected	21	Not Detected
1,1,2-Trichloroethane	4.7	Not Detected	25	Not Detected
Tetrachloroethene	4.7	Not Detected	32	Not Detected
2-Hexanone	19	Not Detected	76	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-2A

Lab ID#: 0602344A-04A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021614	Date of Collection: 2/14/06		
Dil. Factor:	9.32	Date of Analysis: 2/16/06 09:43 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	4.7	Not Detected	40	Not Detected
1,2-Dibromoethane (EDB)	4.7	Not Detected	36	Not Detected
Chlorobenzene	4.7	Not Detected	21	Not Detected
Ethyl Benzene	4.7	10	20	45
m,p-Xylene	4.7	42	20	180
o-Xylene	4.7	17	20	73
Styrene	4.7	Not Detected	20	Not Detected
Bromoform	4.7	Not Detected	48	Not Detected
Cumene	4.7	Not Detected	23	Not Detected
1,1,2,2-Tetrachloroethane	4.7	Not Detected	32	Not Detected
Propylbenzene	4.7	Not Detected	23	Not Detected
4-Ethyltoluene	4.7	6.2	23	31
1,3,5-Trimethylbenzene	4.7	Not Detected	23	Not Detected
1,2,4-Trimethylbenzene	4.7	10	23	52
1,3-Dichlorobenzene	4.7	Not Detected	28	Not Detected
1,4-Dichlorobenzene	4.7	Not Detected	28	Not Detected
alpha-Chlorotoluene	4.7	Not Detected	24	Not Detected
1,2-Dichlorobenzene	4.7	Not Detected	28	Not Detected
1,2,4-Trichlorobenzene	19	Not Detected	140	Not Detected
Hexachlorobutadiene	19	Not Detected	200	Not Detected

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	88	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-2B

Lab ID#: 0602344A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021622	Date of Collection: 2/14/06		
Dil. Factor:	4.66	Date of Analysis: 2/17/06 02:21 AM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.3	3.2	12	16
Freon 114	2.3	Not Detected	16	Not Detected
Chloromethane	9.3	Not Detected	19	Not Detected
Vinyl Chloride	2.3	Not Detected	6.0	Not Detected
1,3-Butadiene	2.3	Not Detected	5.2	Not Detected
Bromomethane	2.3	Not Detected	9.0	Not Detected
Chloroethane	2.3	Not Detected	6.1	Not Detected
Freon 11	2.3	Not Detected	13	Not Detected
Ethanol	9.3	19	18	36
Freon 113	2.3	Not Detected	18	Not Detected
1,1-Dichloroethene	2.3	Not Detected	9.2	Not Detected
Acetone	9.3	16	22	38
2-Propanol	9.3	Not Detected	23	Not Detected
Carbon Disulfide	2.3	41	7.2	130
3-Chloropropene	9.3	Not Detected	29	Not Detected
Methylene Chloride	2.3	29	8.1	100
Methyl tert-butyl ether	2.3	Not Detected	8.4	Not Detected
trans-1,2-Dichloroethene	2.3	Not Detected	9.2	Not Detected
Hexane	2.3	3.8	8.2	13
1,1-Dichloroethane	2.3	Not Detected	9.4	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.3	Not Detected	6.9	Not Detected
cis-1,2-Dichloroethene	2.3	Not Detected	9.2	Not Detected
Tetrahydrofuran	2.3	2.6	6.9	7.7
Chloroform	2.3	Not Detected	11	Not Detected
1,1,1-Trichloroethane	2.3	Not Detected	13	Not Detected
Cyclohexane	2.3	Not Detected	8.0	Not Detected
Carbon Tetrachloride	2.3	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	2.3	Not Detected	11	Not Detected
Benzene	2.3	Not Detected	7.4	Not Detected
1,2-Dichloroethane	2.3	Not Detected	9.4	Not Detected
Heptane	2.3	Not Detected	9.5	Not Detected
Trichloroethene	2.3	Not Detected	12	Not Detected
1,2-Dichloropropane	2.3	Not Detected	11	Not Detected
1,4-Dioxane	9.3	Not Detected	34	Not Detected
Bromodichloromethane	2.3	Not Detected	16	Not Detected
cis-1,3-Dichloropropene	2.3	Not Detected	10	Not Detected
4-Methyl-2-pentanone	2.3	Not Detected	9.5	Not Detected
Toluene	2.3	Not Detected	8.8	Not Detected
trans-1,3-Dichloropropene	2.3	Not Detected	10	Not Detected
1,1,2-Trichloroethane	2.3	Not Detected	13	Not Detected
Tetrachloroethene	2.3	Not Detected	16	Not Detected
2-Hexanone	9.3	Not Detected	38	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-2B

Lab ID#: 0602344A-05A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021622	Date of Collection:	2/14/06	
Dil. Factor:	4.66	Date of Analysis:	2/17/06 02:21 AM	
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.3	Not Detected	20	Not Detected
1,2-Dibromoethane (EDB)	2.3	Not Detected	18	Not Detected
Chlorobenzene	2.3	Not Detected	11	Not Detected
Ethyl Benzene	2.3	Not Detected	10	Not Detected
m,p-Xylene	2.3	Not Detected	10	Not Detected
o-Xylene	2.3	Not Detected	10	Not Detected
Styrene	2.3	Not Detected	9.9	Not Detected
Bromoform	2.3	Not Detected	24	Not Detected
Cumene	2.3	Not Detected	11	Not Detected
1,1,2,2-Tetrachloroethane	2.3	Not Detected	16	Not Detected
Propylbenzene	2.3	Not Detected	11	Not Detected
4-Ethyltoluene	2.3	Not Detected	11	Not Detected
1,3,5-Trimethylbenzene	2.3	Not Detected	11	Not Detected
1,2,4-Trimethylbenzene	2.3	Not Detected	11	Not Detected
1,3-Dichlorobenzene	2.3	Not Detected	14	Not Detected
1,4-Dichlorobenzene	2.3	Not Detected	14	Not Detected
alpha-Chlorotoluene	2.3	Not Detected	12	Not Detected
1,2-Dichlorobenzene	2.3	Not Detected	14	Not Detected
1,2,4-Trichlorobenzene	9.3	Not Detected	69	Not Detected
Hexachlorobutadiene	9.3	Not Detected	99	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-2B-R

Lab ID#: 0602344A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021616	Date of Collection: 2/14/06		
Dil. Factor:	63.1	Date of Analysis: 2/16/06 10:31 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	32	Not Detected	160	Not Detected
Freon 114	32	Not Detected	220	Not Detected
Chloromethane	130	Not Detected	260	Not Detected
Vinyl Chloride	32	Not Detected	81	Not Detected
1,3-Butadiene	32	Not Detected	70	Not Detected
Bromomethane	32	Not Detected	120	Not Detected
Chloroethane	32	Not Detected	83	Not Detected
Freon 11	32	Not Detected	180	Not Detected
Ethanol	130	130	240	250
Freon 113	32	51	240	390
1,1-Dichloroethene	32	Not Detected	120	Not Detected
Acetone	130	9000	300	21000
2-Propanol	130	2600	310	6500
Carbon Disulfide	32	180	98	560
3-Chloropropene	130	Not Detected	400	Not Detected
Methylene Chloride	32	Not Detected	110	Not Detected
Methyl tert-butyl ether	32	Not Detected	110	Not Detected
trans-1,2-Dichloroethene	32	Not Detected	120	Not Detected
Hexane	32	540	110	1900
1,1-Dichloroethane	32	Not Detected	130	Not Detected
2-Butanone (Methyl Ethyl Ketone)	32	320	93	950
cis-1,2-Dichloroethene	32	Not Detected	120	Not Detected
Tetrahydrofuran	32	Not Detected	93	Not Detected
Chloroform	32	Not Detected	150	Not Detected
1,1,1-Trichloroethane	32	Not Detected	170	Not Detected
Cyclohexane	32	75	110	260
Carbon Tetrachloride	32	Not Detected	200	Not Detected
2,2,4-Trimethylpentane	32	97	150	450
Benzene	32	100	100	330
1,2-Dichloroethane	32	Not Detected	130	Not Detected
Heptane	32	400	130	1600
Trichloroethene	32	Not Detected	170	Not Detected
1,2-Dichloropropane	32	Not Detected	140	Not Detected
1,4-Dioxane	130	Not Detected	450	Not Detected
Bromodichloromethane	32	Not Detected	210	Not Detected
cis-1,3-Dichloropropene	32	Not Detected	140	Not Detected
4-Methyl-2-pentanone	32	Not Detected	130	Not Detected
Toluene	32	150	120	580
trans-1,3-Dichloropropene	32	Not Detected	140	Not Detected
1,1,2-Trichloroethane	32	Not Detected	170	Not Detected
Tetrachloroethene	32	Not Detected	210	Not Detected
2-Hexanone	130	Not Detected	520	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-2B-R

Lab ID#: 0602344A-06A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021616	Date of Collection: 2/14/06		
Dil. Factor:	63.1	Date of Analysis: 2/16/06 10:31 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	32	Not Detected	270	Not Detected
1,2-Dibromoethane (EDB)	32	Not Detected	240	Not Detected
Chlorobenzene	32	Not Detected	140	Not Detected
Ethyl Benzene	32	Not Detected	140	Not Detected
m,p-Xylene	32	91	140	390
o-Xylene	32	35	140	150
Styrene	32	Not Detected	130	Not Detected
Bromoform	32	Not Detected	330	Not Detected
Cumene	32	Not Detected	160	Not Detected
1,1,2,2-Tetrachloroethane	32	Not Detected	220	Not Detected
Propylbenzene	32	Not Detected	160	Not Detected
4-Ethyltoluene	32	Not Detected	160	Not Detected
1,3,5-Trimethylbenzene	32	Not Detected	160	Not Detected
1,2,4-Trimethylbenzene	32	Not Detected	160	Not Detected
1,3-Dichlorobenzene	32	Not Detected	190	Not Detected
1,4-Dichlorobenzene	32	Not Detected	190	Not Detected
alpha-Chlorotoluene	32	Not Detected	160	Not Detected
1,2-Dichlorobenzene	32	Not Detected	190	Not Detected
1,2,4-Trichlorobenzene	130	Not Detected	940	Not Detected
Hexachlorobutadiene	130	Not Detected	1300	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	92	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-2AD-R

Lab ID#: 0602344A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021613	Date of Collection: 2/14/06		
Dil. Factor:	4.84	Date of Analysis: 2/16/06 09:19 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	2.4	91	12	450
Freon 114	2.4	6.1	17	43
Chloromethane	9.7	Not Detected	20	Not Detected
Vinyl Chloride	2.4	Not Detected	6.2	Not Detected
1,3-Butadiene	2.4	Not Detected	5.4	Not Detected
Bromomethane	2.4	Not Detected	9.4	Not Detected
Chloroethane	2.4	Not Detected	6.4	Not Detected
Freon 11	2.4	Not Detected	14	Not Detected
Ethanol	9.7	Not Detected	18	Not Detected
Freon 113	2.4	260	18	2000
1,1-Dichloroethene	2.4	Not Detected	9.6	Not Detected
Acetone	9.7	680	23	1600
2-Propanol	9.7	230	24	570
Carbon Disulfide	2.4	22	7.5	70
3-Chloropropene	9.7	Not Detected	30	Not Detected
Methylene Chloride	2.4	Not Detected	8.4	Not Detected
Methyl tert-butyl ether	2.4	Not Detected	8.7	Not Detected
trans-1,2-Dichloroethene	2.4	Not Detected	9.6	Not Detected
Hexane	2.4	Not Detected	8.5	Not Detected
1,1-Dichloroethane	2.4	Not Detected	9.8	Not Detected
2-Butanone (Methyl Ethyl Ketone)	2.4	41	7.1	120
cis-1,2-Dichloroethene	2.4	Not Detected	9.6	Not Detected
Tetrahydrofuran	2.4	Not Detected	7.1	Not Detected
Chloroform	2.4	Not Detected	12	Not Detected
1,1,1-Trichloroethane	2.4	Not Detected	13	Not Detected
Cyclohexane	2.4	Not Detected	8.3	Not Detected
Carbon Tetrachloride	2.4	Not Detected	15	Not Detected
2,2,4-Trimethylpentane	2.4	Not Detected	11	Not Detected
Benzene	2.4	8.6	7.7	27
1,2-Dichloroethane	2.4	Not Detected	9.8	Not Detected
Heptane	2.4	Not Detected	9.9	Not Detected
Trichloroethene	2.4	Not Detected	13	Not Detected
1,2-Dichloropropane	2.4	Not Detected	11	Not Detected
1,4-Dioxane	9.7	Not Detected	35	Not Detected
Bromodichloromethane	2.4	Not Detected	16	Not Detected
cis-1,3-Dichloropropene	2.4	Not Detected	11	Not Detected
4-Methyl-2-pentanone	2.4	Not Detected	9.9	Not Detected
Toluene	2.4	30	9.1	110
trans-1,3-Dichloropropene	2.4	Not Detected	11	Not Detected
1,1,2-Trichloroethane	2.4	Not Detected	13	Not Detected
Tetrachloroethene	2.4	4.2	16	28
2-Hexanone	9.7	Not Detected	40	Not Detected

AIR TOXICS LTD.

Client Sample ID: PVP-2AD-R

Lab ID#: 0602344A-07A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021613	Date of Collection:	2/14/06
Dil. Factor:	4.84	Date of Analysis:	2/16/06 09:19 PM

Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	2.4	Not Detected	21	Not Detected
1,2-Dibromoethane (EDB)	2.4	Not Detected	18	Not Detected
Chlorobenzene	2.4	Not Detected	11	Not Detected
Ethyl Benzene	2.4	8.3	10	36
m,p-Xylene	2.4	35	10	150
o-Xylene	2.4	16	10	70
Styrene	2.4	Not Detected	10	Not Detected
Bromoform	2.4	Not Detected	25	Not Detected
Cumene	2.4	Not Detected	12	Not Detected
1,1,2,2-Tetrachloroethane	2.4	Not Detected	17	Not Detected
Propylbenzene	2.4	Not Detected	12	Not Detected
4-Ethyltoluene	2.4	7.5	12	37
1,3,5-Trimethylbenzene	2.4	5.0	12	25
1,2,4-Trimethylbenzene	2.4	13	12	65
1,3-Dichlorobenzene	2.4	Not Detected	14	Not Detected
1,4-Dichlorobenzene	2.4	Not Detected	14	Not Detected
alpha-Chlorotoluene	2.4	Not Detected	12	Not Detected
1,2-Dichlorobenzene	2.4	Not Detected	14	Not Detected
1,2,4-Trichlorobenzene	9.7	Not Detected	72	Not Detected
Hexachlorobutadiene	9.7	Not Detected	100	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	96	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: PVP-2A-R

Lab ID#: 0602344A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021611	Date of Collection: 2/14/06		
Dil. Factor:	2.29	Date of Analysis: 2/16/06 07:27 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.1	89	5.7	440
Freon 114	1.1	7.2	8.0	50
Chloromethane	4.6	Not Detected	9.4	Not Detected
Vinyl Chloride	1.1	Not Detected	2.9	Not Detected
1,3-Butadiene	1.1	Not Detected	2.5	Not Detected
Bromomethane	1.1	Not Detected	4.4	Not Detected
Chloroethane	1.1	Not Detected	3.0	Not Detected
Freon 11	1.1	1.2	6.4	6.6
Ethanol	4.6	7.9	8.6	15
Freon 113	1.1	260	8.8	2000
1,1-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Acetone	4.6	2100 E	11	5000 E
2-Propanol	4.6	750 E	11	1800 E
Carbon Disulfide	1.1	25	3.6	77
3-Chloropropene	4.6	Not Detected	14	Not Detected
Methylene Chloride	1.1	Not Detected	4.0	Not Detected
Methyl tert-butyl ether	1.1	Not Detected	4.1	Not Detected
trans-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Hexane	1.1	2.4	4.0	8.4
1,1-Dichloroethane	1.1	Not Detected	4.6	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.1	97	3.4	290
cis-1,2-Dichloroethene	1.1	Not Detected	4.5	Not Detected
Tetrahydrofuran	1.1	2.0	3.4	5.9
Chloroform	1.1	2.7	5.6	13
1,1,1-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Cyclohexane	1.1	3.1	3.9	10
Carbon Tetrachloride	1.1	Not Detected	7.2	Not Detected
2,2,4-Trimethylpentane	1.1	2.2	5.3	10
Benzene	1.1	9.5	3.6	30
1,2-Dichloroethane	1.1	Not Detected	4.6	Not Detected
Heptane	1.1	2.3	4.7	9.4
Trichloroethene	1.1	Not Detected	6.2	Not Detected
1,2-Dichloropropane	1.1	Not Detected	5.3	Not Detected
1,4-Dioxane	4.6	Not Detected	16	Not Detected
Bromodichloromethane	1.1	3.4	7.7	23
cis-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
4-Methyl-2-pentanone	1.1	Not Detected	4.7	Not Detected
Toluene	1.1	35	4.3	130
trans-1,3-Dichloropropene	1.1	Not Detected	5.2	Not Detected
1,1,2-Trichloroethane	1.1	Not Detected	6.2	Not Detected
Tetrachloroethene	1.1	3.9	7.8	26
2-Hexanone	4.6	5.6	19	23

AIR TOXICS LTD.

Client Sample ID: PVP-2A-R

Lab ID#: 0602344A-08A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021611	Date of Collection: 2/14/06		
Dil. Factor:	2.29	Date of Analysis: 2/16/06 07:27 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.1	1.3	9.8	11
1,2-Dibromoethane (EDB)	1.1	Not Detected	8.8	Not Detected
Chlorobenzene	1.1	Not Detected	5.3	Not Detected
Ethyl Benzene	1.1	9.8	5.0	43
m,p-Xylene	1.1	44	5.0	190
o-Xylene	1.1	19	5.0	83
Styrene	1.1	Not Detected	4.9	Not Detected
Bromoform	1.1	Not Detected	12	Not Detected
Cumene	1.1	Not Detected	5.6	Not Detected
1,1,2,2-Tetrachloroethane	1.1	Not Detected	7.9	Not Detected
Propylbenzene	1.1	1.6	5.6	8.1
4-Ethyltoluene	1.1	8.2	5.6	40
1,3,5-Trimethylbenzene	1.1	4.1	5.6	20
1,2,4-Trimethylbenzene	1.1	14	5.6	67
1,3-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,4-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
alpha-Chlorotoluene	1.1	Not Detected	5.9	Not Detected
1,2-Dichlorobenzene	1.1	Not Detected	6.9	Not Detected
1,2,4-Trichlorobenzene	4.6	Not Detected	34	Not Detected
Hexachlorobutadiene	4.6	Not Detected	49	Not Detected

E = Exceeds instrument calibration range.

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	101	70-130
1,2-Dichloroethane-d4	94	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: QCFB

Lab ID#: 0602344A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021610	Date of Collection: 2/14/06		
Dil. Factor:	2.33	Date of Analysis: 2/16/06 06:58 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	1.2	Not Detected	5.8	Not Detected
Freon 114	1.2	Not Detected	8.1	Not Detected
Chloromethane	4.7	Not Detected	9.6	Not Detected
Vinyl Chloride	1.2	Not Detected	3.0	Not Detected
1,3-Butadiene	1.2	Not Detected	2.6	Not Detected
Bromomethane	1.2	Not Detected	4.5	Not Detected
Chloroethane	1.2	Not Detected	3.1	Not Detected
Freon 11	1.2	Not Detected	6.5	Not Detected
Ethanol	4.7	Not Detected	8.8	Not Detected
Freon 113	1.2	Not Detected	8.9	Not Detected
1,1-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Acetone	4.7	11	11	25
2-Propanol	4.7	250	11	600
Carbon Disulfide	1.2	Not Detected	3.6	Not Detected
3-Chloropropene	4.7	Not Detected	14	Not Detected
Methylene Chloride	1.2	Not Detected	4.0	Not Detected
Methyl tert-butyl ether	1.2	Not Detected	4.2	Not Detected
trans-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Hexane	1.2	Not Detected	4.1	Not Detected
1,1-Dichloroethane	1.2	Not Detected	4.7	Not Detected
2-Butanone (Methyl Ethyl Ketone)	1.2	Not Detected	3.4	Not Detected
cis-1,2-Dichloroethene	1.2	Not Detected	4.6	Not Detected
Tetrahydrofuran	1.2	Not Detected	3.4	Not Detected
Chloroform	1.2	Not Detected	5.7	Not Detected
1,1,1-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Cyclohexane	1.2	Not Detected	4.0	Not Detected
Carbon Tetrachloride	1.2	Not Detected	7.3	Not Detected
2,2,4-Trimethylpentane	1.2	Not Detected	5.4	Not Detected
Benzene	1.2	Not Detected	3.7	Not Detected
1,2-Dichloroethane	1.2	Not Detected	4.7	Not Detected
Heptane	1.2	Not Detected	4.8	Not Detected
Trichloroethene	1.2	Not Detected	6.3	Not Detected
1,2-Dichloropropane	1.2	Not Detected	5.4	Not Detected
1,4-Dioxane	4.7	Not Detected	17	Not Detected
Bromodichloromethane	1.2	Not Detected	7.8	Not Detected
cis-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
4-Methyl-2-pentanone	1.2	Not Detected	4.8	Not Detected
Toluene	1.2	Not Detected	4.4	Not Detected
trans-1,3-Dichloropropene	1.2	Not Detected	5.3	Not Detected
1,1,2-Trichloroethane	1.2	Not Detected	6.4	Not Detected
Tetrachloroethene	1.2	Not Detected	7.9	Not Detected
2-Hexanone	4.7	Not Detected	19	Not Detected

AIR TOXICS LTD.

Client Sample ID: QCFB

Lab ID#: 0602344A-09A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021610	Date of Collection: 2/14/06		
Dil. Factor:	2.33	Date of Analysis: 2/16/06 06:58 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	1.2	Not Detected	9.9	Not Detected
1,2-Dibromoethane (EDB)	1.2	Not Detected	9.0	Not Detected
Chlorobenzene	1.2	Not Detected	5.4	Not Detected
Ethyl Benzene	1.2	Not Detected	5.0	Not Detected
m,p-Xylene	1.2	Not Detected	5.0	Not Detected
o-Xylene	1.2	Not Detected	5.0	Not Detected
Styrene	1.2	Not Detected	5.0	Not Detected
Bromoform	1.2	Not Detected	12	Not Detected
Cumene	1.2	Not Detected	5.7	Not Detected
1,1,2,2-Tetrachloroethane	1.2	Not Detected	8.0	Not Detected
Propylbenzene	1.2	Not Detected	5.7	Not Detected
4-Ethyltoluene	1.2	Not Detected	5.7	Not Detected
1,3,5-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,2,4-Trimethylbenzene	1.2	Not Detected	5.7	Not Detected
1,3-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,4-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
alpha-Chlorotoluene	1.2	Not Detected	6.0	Not Detected
1,2-Dichlorobenzene	1.2	Not Detected	7.0	Not Detected
1,2,4-Trichlorobenzene	4.7	Not Detected	34	Not Detected
Hexachlorobutadiene	4.7	Not Detected	50	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	104	70-130

AIR TOXICS LTD.

Client Sample ID: Trip Blank

Lab ID#: 0602344A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021609	Date of Collection: 2/14/06		
Dil. Factor:	1.00	Date of Analysis: 2/16/06 06:28 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

AIR TOXICS LTD.

Client Sample ID: Trip Blank

Lab ID#: 0602344A-10A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021609	Date of Collection: 2/14/06		
Dil. Factor:	1.00	Date of Analysis: 2/16/06 06:28 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: 1 Liter Summa Canister

Surrogates	%Recovery	Method Limits
Toluene-d8	97	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	103	70-130

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0602344A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021606	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 2/16/06 03:20 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Freon 12	0.50	Not Detected	2.5	Not Detected
Freon 114	0.50	Not Detected	3.5	Not Detected
Chloromethane	2.0	Not Detected	4.1	Not Detected
Vinyl Chloride	0.50	Not Detected	1.3	Not Detected
1,3-Butadiene	0.50	Not Detected	1.1	Not Detected
Bromomethane	0.50	Not Detected	1.9	Not Detected
Chloroethane	0.50	Not Detected	1.3	Not Detected
Freon 11	0.50	Not Detected	2.8	Not Detected
Ethanol	2.0	Not Detected	3.8	Not Detected
Freon 113	0.50	Not Detected	3.8	Not Detected
1,1-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Acetone	2.0	Not Detected	4.8	Not Detected
2-Propanol	2.0	Not Detected	4.9	Not Detected
Carbon Disulfide	0.50	Not Detected	1.6	Not Detected
3-Chloropropene	2.0	Not Detected	6.3	Not Detected
Methylene Chloride	0.50	Not Detected	1.7	Not Detected
Methyl tert-butyl ether	0.50	Not Detected	1.8	Not Detected
trans-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Hexane	0.50	Not Detected	1.8	Not Detected
1,1-Dichloroethane	0.50	Not Detected	2.0	Not Detected
2-Butanone (Methyl Ethyl Ketone)	0.50	Not Detected	1.5	Not Detected
cis-1,2-Dichloroethene	0.50	Not Detected	2.0	Not Detected
Tetrahydrofuran	0.50	Not Detected	1.5	Not Detected
Chloroform	0.50	Not Detected	2.4	Not Detected
1,1,1-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Cyclohexane	0.50	Not Detected	1.7	Not Detected
Carbon Tetrachloride	0.50	Not Detected	3.1	Not Detected
2,2,4-Trimethylpentane	0.50	Not Detected	2.3	Not Detected
Benzene	0.50	Not Detected	1.6	Not Detected
1,2-Dichloroethane	0.50	Not Detected	2.0	Not Detected
Heptane	0.50	Not Detected	2.0	Not Detected
Trichloroethene	0.50	Not Detected	2.7	Not Detected
1,2-Dichloropropane	0.50	Not Detected	2.3	Not Detected
1,4-Dioxane	2.0	Not Detected	7.2	Not Detected
Bromodichloromethane	0.50	Not Detected	3.4	Not Detected
cis-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
4-Methyl-2-pentanone	0.50	Not Detected	2.0	Not Detected
Toluene	0.50	Not Detected	1.9	Not Detected
trans-1,3-Dichloropropene	0.50	Not Detected	2.3	Not Detected
1,1,2-Trichloroethane	0.50	Not Detected	2.7	Not Detected
Tetrachloroethene	0.50	Not Detected	3.4	Not Detected
2-Hexanone	2.0	Not Detected	8.2	Not Detected

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Client Sample ID: Lab Blank

Lab ID#: 0602344A-11A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021606	Date of Collection: NA		
Dil. Factor:	1.00	Date of Analysis: 2/16/06 03:20 PM		
Compound	Rpt. Limit (ppbv)	Amount (ppbv)	Rpt. Limit (uG/m3)	Amount (uG/m3)
Dibromochloromethane	0.50	Not Detected	4.2	Not Detected
1,2-Dibromoethane (EDB)	0.50	Not Detected	3.8	Not Detected
Chlorobenzene	0.50	Not Detected	2.3	Not Detected
Ethyl Benzene	0.50	Not Detected	2.2	Not Detected
m,p-Xylene	0.50	Not Detected	2.2	Not Detected
o-Xylene	0.50	Not Detected	2.2	Not Detected
Styrene	0.50	Not Detected	2.1	Not Detected
Bromoform	0.50	Not Detected	5.2	Not Detected
Cumene	0.50	Not Detected	2.4	Not Detected
1,1,2,2-Tetrachloroethane	0.50	Not Detected	3.4	Not Detected
Propylbenzene	0.50	Not Detected	2.4	Not Detected
4-Ethyltoluene	0.50	Not Detected	2.4	Not Detected
1,3,5-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,2,4-Trimethylbenzene	0.50	Not Detected	2.4	Not Detected
1,3-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,4-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
alpha-Chlorotoluene	0.50	Not Detected	2.6	Not Detected
1,2-Dichlorobenzene	0.50	Not Detected	3.0	Not Detected
1,2,4-Trichlorobenzene	2.0	Not Detected	15	Not Detected
Hexachlorobutadiene	2.0	Not Detected	21	Not Detected

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	98	70-130
1,2-Dichloroethane-d4	97	70-130
4-Bromofluorobenzene	102	70-130

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0602344A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021602	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/16/06 12:31 PM

Compound	%Recovery
Freon 12	95
Freon 114	105
Chloromethane	105
Vinyl Chloride	92
1,3-Butadiene	88
Bromomethane	103
Chloroethane	91
Freon 11	108
Ethanol	89
Freon 113	107
1,1-Dichloroethene	99
Acetone	90
2-Propanol	93
Carbon Disulfide	99
3-Chloropropene	88
Methylene Chloride	94
Methyl tert-butyl ether	76
trans-1,2-Dichloroethene	94
Hexane	95
1,1-Dichloroethane	96
2-Butanone (Methyl Ethyl Ketone)	106
cis-1,2-Dichloroethene	98
Tetrahydrofuran	89
Chloroform	103
1,1,1-Trichloroethane	104
Cyclohexane	100
Carbon Tetrachloride	113
2,2,4-Trimethylpentane	93
Benzene	95
1,2-Dichloroethane	109
Heptane	110
Trichloroethene	106
1,2-Dichloropropane	98
1,4-Dioxane	100
Bromodichloromethane	108
cis-1,3-Dichloropropene	103
4-Methyl-2-pentanone	100
Toluene	104
trans-1,3-Dichloropropene	105
1,1,2-Trichloroethane	104
Tetrachloroethene	109
2-Hexanone	92

AIR TOXICS LTD.

Client Sample ID: CCV

Lab ID#: 0602344A-12A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021602	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/16/06 12:31 PM

Compound	%Recovery
Dibromochloromethane	113
1,2-Dibromoethane (EDB)	108
Chlorobenzene	104
Ethyl Benzene	104
m,p-Xylene	111
o-Xylene	107
Styrene	111
Bromoform	116
Cumene	110
1,1,2,2-Tetrachloroethane	104
Propylbenzene	104
4-Ethyltoluene	112
1,3,5-Trimethylbenzene	106
1,2,4-Trimethylbenzene	110
1,3-Dichlorobenzene	105
1,4-Dichlorobenzene	105
alpha-Chlorotoluene	114
1,2-Dichlorobenzene	111
1,2,4-Trichlorobenzene	101
Hexachlorobutadiene	103

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	100	70-130
1,2-Dichloroethane-d4	100	70-130
4-Bromofluorobenzene	101	70-130

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0602344A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/16/06 12:54 PM

Compound	%Recovery
Freon 12	102
Freon 114	112
Chloromethane	82
Vinyl Chloride	99
1,3-Butadiene	107
Bromomethane	113
Chloroethane	100
Freon 11	112
Ethanol	99
Freon 113	116
1,1-Dichloroethene	100
Acetone	99
2-Propanol	101
Carbon Disulfide	113
3-Chloropropene	90
Methylene Chloride	97
Methyl tert-butyl ether	100
trans-1,2-Dichloroethene	103
Hexane	101
1,1-Dichloroethane	100
2-Butanone (Methyl Ethyl Ketone)	117
cis-1,2-Dichloroethene	101
Tetrahydrofuran	91
Chloroform	105
1,1,1-Trichloroethane	105
Cyclohexane	106
Carbon Tetrachloride	112
2,2,4-Trimethylpentane	95
Benzene	100
1,2-Dichloroethane	108
Heptane	108
Trichloroethene	107
1,2-Dichloropropane	100
1,4-Dioxane	104
Bromodichloromethane	102
cis-1,3-Dichloropropene	100
4-Methyl-2-pentanone	102
Toluene	106
trans-1,3-Dichloropropene	88
1,1,2-Trichloroethane	105
Tetrachloroethene	108
2-Hexanone	92

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0602344A-13A

MODIFIED EPA METHOD TO-15 GC/MS FULL SCAN

File Name:	5021603	Date of Collection: NA
Dil. Factor:	1.00	Date of Analysis: 2/16/06 12:54 PM

Compound	%Recovery
Dibromochloromethane	103
1,2-Dibromoethane (EDB)	107
Chlorobenzene	106
Ethyl Benzene	105
m,p-Xylene	110
o-Xylene	99
Styrene	101
Bromoform	90
Cumene	109
1,1,2,2-Tetrachloroethane	102
Propylbenzene	107
4-Ethyltoluene	110
1,3,5-Trimethylbenzene	101
1,2,4-Trimethylbenzene	83
1,3-Dichlorobenzene	101
1,4-Dichlorobenzene	101
alpha-Chlorotoluene	110
1,2-Dichlorobenzene	104
1,2,4-Trichlorobenzene	94
Hexachlorobutadiene	96

Container Type: NA - Not Applicable

Surrogates	%Recovery	Method Limits
Toluene-d8	99	70-130
1,2-Dichloroethane-d4	107	70-130
4-Bromofluorobenzene	101	70-130

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CHAIN-OF-CUSTODY RECORD

Contact Person

Chris Gale

Company GeoSyntec Consultants Email gale@geosyntec.com

Address 11305 Bernardo City San Diego, CA Zip 92127

Phone 858.674.6559 Fax 858.674.6586

Collected by: (Signature) Steve G

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Page 1 of 1

Project Info:

P.O. # SC02233-0604

Project # SC02233-0604

Project Name Parley

Turn Around Time:

Lab Use Only

Pressurized by: B8

Date: 2/15/06

Normal

Rush

Pressurization Gas:

N₂

He

specify

Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested	Canister Pressure/Vacuum			
						Initial	Final	Receipt	Final (psi)
OIA	PVP-1	34422	2/14/06	7:42	-25.0 / Fixed Gases	-27.5	-18.0	14.0	14.0 psi
OZA	PVP-3A	2461		8:09		-26.0	-3.5	5.0	5.0 psi
OZA	PVP-3B	2465		8:36		-29.0	-5.0	4.5	4.5 psi
OYA	PVP-2A	34554		9:13		-29.0	-3.5	4.0	4.0 psi
OZA	PVP-2B	34408		9:37		-25.0	-17.0	17.0	17.0 psi
OBA	PVP-2B-A	34157		14:27		-27.5	-17.0	19.0	19.0 psi
O7A	PVP-2AD-R	33331		14:08		-22.5	-2.5	5.0	5.0 psi
O8A	PVP-2A-R	30825		14:01		-29.0	-3.0	3.5	3.5 psi
O9A	QC FB	2465		12:43		-25.0	-3.5	10.0	10.0 psi
OIA	Temp Blank	2135		14:56		-	-	-	RS, SP

Relinquished by: (signature) Date/Time

Chris Gale 2/14/06 08:00

Received by: (signature) Date/Time

Robert Bell 2/14/06 08:00

Relinquished by: (signature) Date/Time

Received by: (signature) Date/Time

Received by: (signature) Date/Time

Received by: (signature) Date/Time

Shipper Name Air Bill # Temp (°C) Condition Customer Seals Intact? Work Order #

Lab Use Only Kyle 7108 1489 6109 N/A 6708 C Yes No None 0602344



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Thank you for choosing Air Toxics Ltd. To better serve our customers, we are providing your report by e-mail. This document is provided in Portable Document Format which can be viewed with Acrobat Reader by Adobe.

This electronic report includes the following:

- Work order Summary;
- Laboratory Narrative;
- Results; and
- Chain of Custody (copy).

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

WORK ORDER #: 0602344B

Work Order Summary

CLIENT:	Mr. Chris Gale GeoSyntec Consultants 11305 Rancho Bernardo Rd. San Diego, CA 92127	BILL TO:	Mr. Chris Gale GeoSyntec Consultants 11305 Rancho Bernardo Rd. San Diego, CA 92127
PHONE:	858-675-8674	P.O. #	SC02330604
FAX:		PROJECT #	SC02330604 Poway
DATE RECEIVED:	02/15/2006	CONTACT:	Kyle Vagadori
DATE COMPLETED:	02/21/2006		

<u>FRACTION #</u>	<u>NAME</u>	<u>TEST</u>	<u>RECEIPT</u>
			<u>VAC./PRES.</u>
01A	PVP-1	Modified ASTM D-1945	19.0 "Hg
02A	PVP-3A	Modified ASTM D-1945	5.0 "Hg
03A	PVP-3B	Modified ASTM D-1945	4.5 "Hg
04A	PVP-2A	Modified ASTM D-1945	4.0 "Hg
05A	PVP-2B	Modified ASTM D-1945	17.0 "Hg
06A	PVP-2B-R	Modified ASTM D-1945	18.0 "Hg
07A	PVP-2AD-R	Modified ASTM D-1945	5.0 "Hg
07AA	PVP-2AD-R Duplicate	Modified ASTM D-1945	5.0 "Hg
08A	PVP-2A-R	Modified ASTM D-1945	3.5 "Hg
09A	QCFB	Modified ASTM D-1945	4.0 "Hg
10A	Trip Blank	Modified ASTM D-1945	28.5 "Hg
11A	Lab Blank	Modified ASTM D-1945	NA
12A	LCS	Modified ASTM D-1945	NA
12B	LCS	Modified ASTM D-1945	NA

CERTIFIED BY:



DATE: 02/21/06

Laboratory Director

Certification numbers: AR DEQ - 03-084-0, CA NELAP - 02110CA, LA NELAP/LELAP- AI 30763, NJ NELAP - CA004
NY NELAP - 11291, UT NELAP - 9166389892

Name of Accrediting Agency: NELAP/Florida Department of Health, Scope of Application: Clean Air Act,
Accreditation number: E87680, Effective date: 07/01/05, Expiration date: 06/30/06

Air Toxics Ltd. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE**Modified ASTM D-1945****GeoSyntec Consultants****Workorder# 0602344B**

Ten 1 Liter Summa Canister samples were received on February 15, 2006. The laboratory performed analysis via modified ASTM Method D-1945 for Methane and fixed gases in natural gas using GC/FID or GC/TCD. The method involves direct injection of 1.0 mL of sample. See the data sheets for the reporting limits for each compound.

On the analytical column employed for this analysis, Oxygen coelutes with Argon. The corresponding peak is quantitated as Oxygen.

Method modifications taken to run these samples include:

Requirement	ASTM D-1945	ATL Modifications
Normalization	Sum of original values should not differ from 100.0% by more than 1.0%.	Sum of original values may range between 75-125%. Normalization of data not performed.
Sample analysis	Equilibrate samples to 20-50° F. above source temperature at field sampling	No heating of samples is performed.
Sample calculation	Response factor is calculated using peak height for C5 and lighter compounds.	Peak areas are used for all target analytes to quantitate concentrations.
Reference Standard	Concentration should not be < half of nor differ by more than 2 X the concentration of the sample. Run 2 consecutive checks; must agree within 1%.	A minimum 3-point linear calibration is performed. The acceptance criterion is %RSD </= 25%. All target analytes must be within the linear range of calibration (with the exception of O2, N2, and C6+ Hydrocarbons).
Sample Injection Volume	0.50 mL to achieve Methane linearity.	1.0 mL.

Receiving Notes

Samples PVP-1, PVP-2B, and PVP-2B-R were received with significant vacuum remaining in the canister. The discrepancy was noted in the Sample Receipt Confirmation email/fax. The residual canister vacuum resulted in elevated reporting limits.

Analytical Notes

Since Nitrogen is used to pressurize samples, the Nitrogen values are calculated by adding all the sample components and subtracting from 100%.

Definition of Data Qualifying Flags

Six qualifiers may have been used on the data analysis sheets and indicate as follows:

J - Estimated value.

E - Exceeds instrument calibration range.

S - Saturated peak.

Q - Exceeds quality control limits.

U - Compound analyzed for but not detected above the detection limit.

M - Reported value may be biased due to apparent matrix interferences.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified

b-File was quantified by a second column and detector

r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

Client Sample ID: PVP-1

Lab ID#: 0602344B-01A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.55	6.6
Nitrogen	0.55	93
Methane	0.00055	0.031
Carbon Dioxide	0.055	0.60

Client Sample ID: PVP-3A

Lab ID#: 0602344B-02A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	79
Carbon Dioxide	0.024	1.2

Client Sample ID: PVP-3B

Lab ID#: 0602344B-03A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	4.6
Nitrogen	0.24	93
Methane	0.00024	0.0096
Carbon Dioxide	0.024	2.4

Client Sample ID: PVP-2A

Lab ID#: 0602344B-04A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.16	13
Nitrogen	0.16	86
Carbon Dioxide	0.016	1.1

Client Sample ID: PVP-2B

Lab ID#: 0602344B-05A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.47	3.5
Nitrogen	0.47	96
Methane	0.00047	0.011
Carbon Dioxide	0.047	0.46

Client Sample ID: PVP-2B-R

Lab ID#: 0602344B-06A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.50	11
Nitrogen	0.50	88
Methane	0.00050	0.0046
Carbon Dioxide	0.050	0.42

Client Sample ID: PVP-2AD-R

Lab ID#: 0602344B-07A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	78
Carbon Dioxide	0.024	1.5

Client Sample ID: PVP-2AD-R Duplicate

Lab ID#: 0602344B-07AA

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	78
Carbon Dioxide	0.024	1.5

Client Sample ID: PVP-2A-R

Lab ID#: 0602344B-08A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	20
Nitrogen	0.23	78
Carbon Dioxide	0.023	1.5

Client Sample ID: QCFB

Lab ID#: 0602344B-09A

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	21
Nitrogen	0.23	79
Carbon Dioxide	0.023	0.038

Client Sample ID: Trip Blank

Lab ID#: 0602344B-10A

Compound	Rpt. Limit (%)	Amount (%)
Nitrogen	0.10	100

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Client Sample ID: PVP-1

Lab ID#: 0602344B-01A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021514	Date of Collection: 2/14/06
Dil. Factor:	5.51	Date of Analysis: 2/15/06 05:24 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.55	6.6
Nitrogen	0.55	93
Carbon Monoxide	0.055	Not Detected
Methane	0.00055	0.031
Carbon Dioxide	0.055	0.60

Container Type: 1 Liter Summa Canister

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Client Sample ID: PVP-3A

Lab ID#: 0602344B-02A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021512	Date of Collection: 2/14/06
Dil. Factor:	2.42	Date of Analysis: 2/15/06 04:40 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	79
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	Not Detected
Carbon Dioxide	0.024	1.2

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-3B

Lab ID#: 0602344B-03A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021513	Date of Collection:	2/14/06
Dil. Factor:	2.38	Date of Analysis:	2/15/06 05:03 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	4.6
Nitrogen	0.24	93
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	0.0096
Carbon Dioxide	0.024	2.4

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2A

Lab ID#: 0602344B-04A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021515	Date of Collection:	2/14/06
Dil. Factor:	1.55	Date of Analysis:	2/15/06 05:50 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.16	13
Nitrogen	0.16	86
Carbon Monoxide	0.016	Not Detected
Methane	0.00016	Not Detected
Carbon Dioxide	0.016	1.1

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2B

Lab ID#: 0602344B-05A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021510	Date of Collection: 2/14/06
Dil. Factor:	4.66	Date of Analysis: 2/15/06 03:56 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.47	3.5
Nitrogen	0.47	96
Carbon Monoxide	0.047	Not Detected
Methane	0.00047	0.011
Carbon Dioxide	0.047	0.46

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2B-R

Lab ID#: 0602344B-06A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021508	Date of Collection:	2/14/06
Dil. Factor:	5.05	Date of Analysis:	2/15/06 03:11 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.50	11
Nitrogen	0.50	88
Carbon Monoxide	0.050	Not Detected
Methane	0.00050	0.0046
Carbon Dioxide	0.050	0.42

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2AD-R

Lab ID#: 0602344B-07A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021507	Date of Collection:	2/14/06
Dil. Factor:	2.42	Date of Analysis:	2/15/06 02:47 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	78
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	Not Detected
Carbon Dioxide	0.024	1.5

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2AD-R Duplicate

Lab ID#: 0602344B-07AA

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021509	Date of Collection:	2/14/06
Dil. Factor:	2.42	Date of Analysis:	2/15/06 03:33 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.24	20
Nitrogen	0.24	78
Carbon Monoxide	0.024	Not Detected
Methane	0.00024	Not Detected
Carbon Dioxide	0.024	1.5

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: PVP-2A-R

Lab ID#: 0602344B-08A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021506	Date of Collection:	2/14/06
Dil. Factor:	2.29	Date of Analysis:	2/15/06 02:20 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	20
Nitrogen	0.23	78
Carbon Monoxide	0.023	Not Detected
Methane	0.00023	Not Detected
Carbon Dioxide	0.023	1.5

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: QCFB

Lab ID#: 0602344B-09A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021505	Date of Collection:	2/14/06
Dil. Factor:	2.33	Date of Analysis:	2/15/06 01:57 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.23	21
Nitrogen	0.23	79
Carbon Monoxide	0.023	Not Detected
Methane	0.00023	Not Detected
Carbon Dioxide	0.023	0.038

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: Trip Blank

Lab ID#: 0602344B-10A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021504	Date of Collection:	2/14/06
Dil. Factor:	1.00	Date of Analysis:	2/15/06 01:29 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.10	100
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: 1 Liter Summa Canister

AIR TOXICS LTD.

Client Sample ID: Lab Blank

Lab ID#: 0602344B-11A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021503	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/15/06 01:04 PM

Compound	Rpt. Limit (%)	Amount (%)
Oxygen	0.10	Not Detected
Nitrogen	0.10	Not Detected
Carbon Monoxide	0.010	Not Detected
Methane	0.00010	Not Detected
Carbon Dioxide	0.010	Not Detected

Container Type: NA - Not Applicable

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0602344B-12A

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021525b	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/15/06 10:40 PM

Compound	%Recovery
Oxygen	100
Nitrogen	100
Carbon Monoxide	98
Carbon Dioxide	102

Container Type: NA - Not Applicable

AIR TOXICS LTD.

Client Sample ID: LCS

Lab ID#: 0602344B-12B

NATURAL GAS ANALYSIS BY MODIFIED ASTM D-1945

File Name:	9021524	Date of Collection:	NA
Dil. Factor:	1.00	Date of Analysis:	2/15/06 10:19 PM

Compound	%Recovery
Methane	101

Container Type: NA - Not Applicable

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AN ENVIRONMENTAL ANALYTICAL LABORATORY

CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice

Relinquishing signature on this document indicates that sample is being shipped in compliance with all applicable local, State, Federal, national and international laws, regulations and ordinances of any kind. Air Toxics Limited assumes no liability with respect to the collection, handling or shipping of these samples. Relinquishing signature also indicates agreement to hold harmless, defend, and indemnify Air Toxics Limited against any claim, demand, or action, or any kind, related to the collection, handling, or shipping of samples. D.O.T. Hotline (800) 467-4922.

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Contact Person	Chris Gale								
Company	Geekspurce Consultants	Email	chris.gale@geekspurce.com						
Address	1305 Encino Boulevard City	State	CA	Zip	92127				
Phone	858.674.6559	Fax	858.674.6526						
Collected by:	Signature: <i>Chris GALE</i>								
Project Info:									
P.O. # 520233-04			Project # 520233-0604						
Project Name: <i>Pawley</i>									
Canister Pressure/Vacuum									
Lab I.D.	Field Sample I.D. (Location)	Can#	Date	Time	Analyses Requested				
					Initial	Final	Receptor	Total	
OJA	PVR-1	34622	2/14/06	7:42	-15 / Fixed Gases	-27.5	-13.0	16.0	5.0
OZA	PVR-3A	34621		1	8:09	-24.0	-2.5	5.0	5.0
OZA	PVR-3B	34625			8:36	-24.0	-5.0	4.5	4.5
OYA	PVR-2A	34654			9:13	-29.0	-3.5	4.0	4.0
OZA	PVR-2B	34648			7:37	-24.0	-12.0	17.0	17.0
OZA	PVR-2A-D-R	33331			14:22	-27.5	-17.0	16.0	16.0
OZA	PVR-2A-R	36825			14:01	-27.5	-2.5	5.0	5.0
OZA	QC-FB	3465			12:43	-27.0	-3.0	3.5	3.5
OZA	Trip Blank	2135			14:56	-25.0	-3.5	4.0	4.0
Relinquished by: (signature) <i>Chris GALE</i> Date/Time: 2/14/06 15:45						Received by: (signature) <i>John Pawley</i> Date/Time: 2/14/06 16:23:51 2006			
Relinquished by: (signature) Date/Time						Received by: (signature) Date/Time			
Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Customer Seals Intact?	Work Order #			
	<i>Chris GALE</i>	7108 1489 6109	N/A	As Is	Yes	No	None		
							0602344		